Substrates and Assays for Beta-Secretase Activity Page 1 of 6 Fig. 1A

AAGAAGCTGCAGCCTGCACAGCCGCCAAGAACCTCATCTTCCTGGGCGATGGG GTTGAGGAGAACCCGGAACCGCGAGGCCGAGGCCCTGGGTGCCGCC K K L Q P A Q T A K N L I F L G D G ATGCTGCTGCTGCTGCTGGGCCTGAGGCTACAGCTCCCTGGGCATCCCA VEEEENPDFWNREARBALGAAA M L L L L L L L G L R L Q L S L G I I P

ATGGGGGTGTCTACGGTGACAGCTGCCAGGATCCTAAAAGGGCCAGAAGAAGGACAAACTG

GGGCCTGAGATACCCCTGGCCATGGACCGCTTCCCCATATGTGGCTCTGTCCAAGACATAC MGVSTVTAARILKGQKKDKL DKL

PATGTAGACAAACATGTGCCAGTGGAGCCACAGGCCTACCTGTGCGGGTTC G P Z I P L A M D R F P Y V A L S K T Y

N V D K H V P D S G A T A T A Y L C G V

acacgeggaaggtcatctccgtgatgaatcgggccaagaaagcagggaagtcagtt KGNFOTIGLSAAARFNOCNT

RGNEVISVMNRAKKAGK

Title: Substrates and Assays for Beta-Secretase Activity Docket No.: 29915/00281A.US Page 2 of 6 Fig. 1B

1B FIG. GGAGTGGTAACCACCACACGAGTGCAGCACGCCTCGCCAGCCGGCACCTACGCCCACACG 二 Ø T Y r A വ ഗ Ø Ή Ø > ద Ε ⊣ ⊱ > 口 Ø ద A ಬ A Д D V Ø Ω ಬ ≻ 3 Z

CAGGACATCGCTACGCAGCTCATCTCCAACATGGACATTGACGTGATCCTAGGTGGAGGC U U U IDVILL Ω Σ z ഗ Н л ŏ A T Н Ω

CGAAAGTACATGTTTCCCATGGGAACCCCAGACCCTGAGTACCCAGATGACTACAGCCAA Ø വ Ω Д × ſΊ Д G T P D Σ بم Ľ Σ  $\mathcal{O}$ R × Ø Ц Έ. ĮΤ Ø > ᆸ Z ¥ U Ω ᆸ 2 U GCCCGGTATGTGTGGAACCGCACTGAGCTCATGCAGGCTTCCCTGGACCCGTCTGTGACC Ω Ц ഗ Ø Ŏ E J 口 [-R z 3 ĸ

CATCTCATGGGTCTCTTTGAGCCTGGAGACATGAAATACGAGATCCACCGAGACTCCACA ഗ Ω 2 田 Н 回 × × Σ Ω U Д 口 Ľ Д U Σ Ļ

Title: Substrates and Assays for Beta-Secretase Activity
Docket No.: 29915/00281A.US
Page 3 of 6
Fig. 1C

FIG. 1C

CTGGACCCCTCCCTGATGGAGATGACAGAGGCTGCCCTGCGCCTGCTGAGCAGGAACCCC Z ഗ Ц П ద A L A ഠ ⊣ Σ 口 Σ Ц ഗ CGCGGCTTCTTCCTTCGTGGAGGGTGGTCGCATCGACCATGGTCATGAAAGCAGG  $\mathbb{R}$ വ 口 Ξ H U H Ω Н 씸 U U 口 > ഥ П U

U Ø 2 口 Н A Ω Ω ഥ Σ Н ⊣ Г H ᆸ Ø 2 CTCACCAGCGAGGACACGCTGAGCCTCGTCACTGCCGACCACTCCCACGTCTTCTCC S ഥ > Η ഗ Η Ω Ø H > J ഗ П L Ω 口 ГI ഗ ⊱ 口 TTCGGAGGCTACCCCTGCGAGGGAGCTCCATCTTCGGGCTGGCCCCTGGCAAGGCCCCGG R  $\prec$ ŋ Д Ø ᆸ Ŋ ഥ Н ഗ ഗ Ŋ R ᆸ Д r GACAGGAAGGCCTACACGGTCCTCCTATACGGAAACGGTCCAGGCTATGTGCTCAAGGAC  $\succeq$ Ц >  $\succ$ U Д U N U × ᆸ ᄓ > Ξ × Ø ¥ R

GGCGCCCGGCCGGATGTTACCGAGAGCGAGAGCGGGAGCCCCGAGTATCGGCAGCAGTCA Ø ద  $\succ$ 口 Д ഗ ט വ П ഗ 田 L > Ω വ Title: Substrates and Assays for Beta-Secretase Activity
Docket No.: 29915/00281A.US

Page 4of 6 Fig. 1D

FIG. 1D

 $\mathcal{O}$  $\simeq$ Ø Ø > Ω 口  ${\mathfrak O}$ Ø Η  $\vdash$ 口 口 <u>.</u>\_\_

CCGCAGGCGCACCTGGTTCACGGCGTGCAGGAGCAGACCTTCATAGCGCACGTCATGGCC Σ > H V [I, H Ø 口 Ŏ >  $\mathcal{O}$ Η > Ļ 田 Ø Ø

H U Ø Д Ъ Ø Д О ر ا Ø ⊱  $\succ$ Д Ш Ц ر ا Ø Ø

GACGCCGCGCACCCAGGTAACTATGAAGTTGAATTCCGAAGAGCACTCTACGTAGAGGGT 9 曰  $\succ$  $\Gamma$ Ā R R Д 团 > 田  $\succ$ Z ŋ Д 工 ď Ø

GAAAGAGGATTCTTCTACACTCCAAAGGCACTCTACCTCGTAGAGGGGTGAAAGAGGATTC  $\mathcal{O}$ K 团  $\mathcal{O}$ 团 >  $\Gamma$  $\succeq$ Γ Ą × Д Ę  $\succ$ Ŀ  $\mathcal{O}$ 

TTCTACACTAGTCTCATGACCATAGCCTATGTCATGCTGCCATCTGCGCCTCTTCATG Σ

CTGCCACTCTGCCTCATGGTGGACTACAAGGATGATGATGACAAGTAG Ω Ω Ω Ω ¥  $\Box$ > Σ

Docket No.: 29915/00281A.US Page 5 of 6 Fig. 2

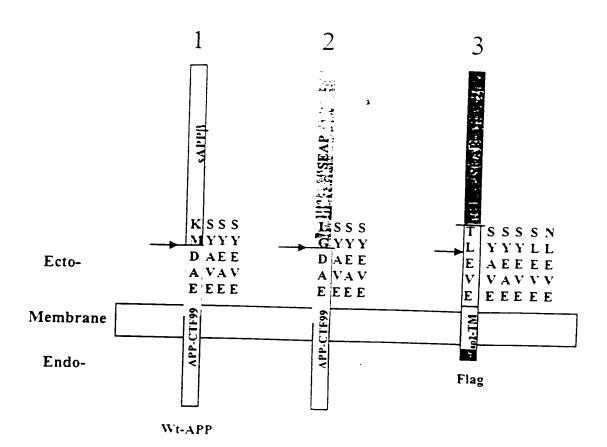


FIG. 2

Title: Substrates and Assays for Beta-Secretase Activity
Docket No.: 29915/00281A.US
Page 6 of 6
Fig. 3

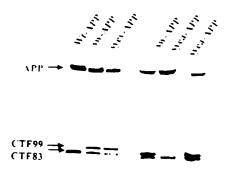


FIG. 3